

## **Card Corner Cutter**

### **Field of Invention**

The present invention relates to a card corner cutter and, more particularly, to a card corner cutter capable of collecting scraps.

### **Background of Invention**

U. S. Patent No. 6016733 was issued to the applicant of the present application on 25 January 2000 and is incorporated herein. As disclosed in U. S. Patent No. 6016733, a card corner cutter includes a body 10, a first blade 20 secured to the body 10, a handle 40 pivotally mounted on the body 10 and a second blade 45 secured to the handle 40. The first blade 20 includes a first arched cutting edge 22. The second blade 45 includes a second arched cutting edge 46. In use, a card 80 is put on the body 10. A corner of the card 80 extends beyond the first blade 20 and below the second blade 45. The handle 40 is pivoted relative to the body 10 so that the second blade 45 is moved past the first blade 20. The second cutting edge 46 and the first cutting edge 22 cooperate so as to shear the corner from the card 80. The corner of the card 80 becomes a scrap. This conventional card corner cutter however fails to disclose any device to collect such scraps.

The present invention is therefore intended to obviate or at least alleviate the problem(s) encountered in prior art.

1    **Summary of Invention**

2    It is the primary objective of the present invention to provide a card  
3    corner cutter capable of collecting scraps.

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5    According to the present invention, a card corner cutter includes a body, a  
6    first blade, a handle and a second blade. The body defines a chamber  
7    with an open upper end for receiving scraps. The first blade is secured  
8    to the body and located next to the chamber. The handle is pivotally  
9    mounted on the body. The second blade is secured to the handle.

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11   Other objects, advantages and novel features of the invention will become  
12   more apparent from the following detailed description in conjunction  
13   with the attached drawings.

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15   **Brief Description of Drawings**

16   The present invention will be described via detailed illustration of  
17   embodiments referring to the drawings.

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19   Figure 1 is a perspective view of a card corner cutter according to a first  
20   embodiment of the present invention.

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22   Figure 2 is an exploded view of the card corner cutter of Figure 1.

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24   Figure 3 is another perspective view of the card corner cutter of Figure 1,  
25   showing the bottom of the card corner cutter.

Figure 4 is a cross-sectional view of the card corner cutter of Figure 1, showing it collecting scraps.

Figure 5 is similar to Figure 4, but showing the card corner cutter releasing the scraps.

Figure 6 is an exploded view of a card corner cutter according to a second embodiment of the present invention.

Figure 7 is a cross-sectional view of the card corner cutter of Figure 6, showing it collecting scraps.

### **Detailed Description of Embodiments**

Referring to Figures 1~3, according to a first embodiment of the present invention, a card corner cutter 10 includes a body 20, a first blade 22 secured to the body 20, a chamber 21 defined in the body 20 and located next to the first blade 22, a handle 30 pivotally mounted on the body 20, a second blade 31 secured to the handle 30 and a tray 40 attached to the body 20.

The chamber 21 includes an open upper end as best shown in Figure 2 and an open lower end as best shown in Figure 3. As shown in Figure 3, a plurality of tubes 23 is formed at the bottom of the body 20. Each of the tubes 23 includes an open lower end.

Referring to Figure 2, a plurality of columns 43 is formed on the top of

1 the tray 40. The tray 40 includes a cover 41 pivotally formed thereon.  
2 The tray 40 is attached to the body 20 via inserting the columns 43 into  
3 the tubes 23. The cover 41 can close the open lower end of the chamber  
4 21. One of the tubes 23 is formed on the wall of the chamber 21. One  
5 of the columns 43 is formed on the cover 41. The column 43 formed on  
6 the cover 41 can be inserted into the tube 23 formed on the wall of the  
7 chamber 21 so that the cover 41 firmly closes the open lower end of the  
8 chamber 21.

9  
10 Referring to Figure 4, scraps 51 are collected in the chamber 21 as the  
11 cover 41 closes the open lower end of the chamber 21.

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13 Referring to Figure 5, the scraps 51 are released from the chamber 21 as  
14 the cover 41 is pivoted from the open lower end of the chamber 21.

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16 Figures 6 and 7 show a card corner cutter 10' according to a second  
17 embodiment of the present invention. The card corner cutter 10' is  
18 identical to the card corner cutter 10 except for using a second blade 24  
19 instead of the second blade 31. The second blade 24 is pivotally  
20 mounted on the body 20 instead of secured to the handle 30. In detail,  
21 the second blade 24 is shaped as a triangle including a hypotenuse put in  
22 a recess defined in the body 20.

23  
24 The present invention has been described via detailed illustration of two  
25 embodiments. Those skilled in the art can derive variations from the  
26 embodiments without departing from the scope of the present invention.

1 Therefore, the embodiments shall not limit the scope of the present  
2 invention defined in the claims.

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